

APR 12 2004

Sheet 1 of 3

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE  
INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.  
7175-74184

SERIAL NO.  
10/757,868

APPLICANT  
Richard H. Heimbrock

FILING DATE  
January 15, 2004

GROUP  
Unknown

## U.S. PATENT DOCUMENTS

| *Examiner Initial |    | Document Number | Date      | Name           | Class | Subclass | Filing Date if Appropriate |
|-------------------|----|-----------------|-----------|----------------|-------|----------|----------------------------|
| R.S.              | AA | 435,058         | Aug. 1890 | Freund         | 4     | 455      |                            |
|                   | AB | 611,377         | Jun. 1898 | Davis          | 297   | 200      |                            |
|                   | AC | 2,671,226       | Mar. 1954 | Lychenheim     | 4     | 239      |                            |
|                   | AD | 2,689,812       | Sep. 1954 | Mollica et al. | 156   | 281      |                            |
|                   | AE | 2,718,014       | Sep. 1955 | Mizrach et al. | 4     | 506      |                            |
|                   | AF | 2,918,681       | Dec. 1959 | Davis          | 5     | 81.1C    |                            |
|                   | AG | 3,125,377       | Mar. 1964 | Bridges        | 297   | 462      |                            |
|                   | AH | 3,416,626       | Dec. 1968 | Nagamatsu      | 180   | 124      |                            |
|                   | AI | 3,667,073       | Jun. 1972 | Renfoe         | 5     | 81.1R    |                            |
|                   | AJ | 3,769,642       | Nov. 1973 | Warman         | 5     | 81.1T    |                            |
| R.S.              | AK | 4,051,565       | Oct. 1977 | Berge          | 5     | 81.1R    |                            |

## FOREIGN PATENT DOCUMENTS

|      |    | Document Number | Date      | Country        | Class | Subclass | Translation Yes No |
|------|----|-----------------|-----------|----------------|-------|----------|--------------------|
| R.S. | AL | GB 2159047      | Nov. 1985 | United Kingdom |       |          |                    |
|      | AM |                 |           |                |       |          |                    |
|      | AN |                 |           |                |       |          |                    |
|      | AO |                 |           |                |       |          |                    |
|      | AP |                 |           |                |       |          |                    |

## OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

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|  | AR |  |
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|  | AZ |  |

Examiner

Robert L. Santos

Date Considered

May 13, 2004

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.

Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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|-------------------|----|-----------------|-----------|----------------|-------|----------|----------------------------|
| R.S.              | BA | 4,272,856       | Jun. 1981 | Wegener et al. | 5     | 81.1T    |                            |
|                   | BB | 4,417,639       | Nov. 1983 | Wegener        | 180   | 125      |                            |
|                   | BC | 4,517,690       | May 1985  | Wegener        | 5     | 81.1R    |                            |
|                   | BD | 4,528,704       | Jul. 1985 | Wegener et al. | 5     | 81.1R    |                            |
|                   | BE | 4,528,705       | Jul. 1985 | Greenawalt     | 5     | 644      |                            |
|                   | BF | 4,547,919       | Oct. 1985 | Wang           | 428   | 116      |                            |
|                   | BG | 4,686,719       | Aug. 1987 | Johnson et al. | 5     | 81.1R    |                            |
|                   | BH | 4,944,053       | Jul. 1990 | Smith          | 5     | 81.1T    |                            |
|                   | BI | 5,003,653       | Apr. 1991 | Mar            | 5     | 654      |                            |
|                   | BJ | 5,067,189       | Nov. 1991 | Weeding et al. | 5     | 81.1R    |                            |
| R.S.              | BK | 5,271,110       | Dec. 1993 | Newman         | 5     | 81.1R    |                            |

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|    | Document Number | Date | Country | Class | Subclass | Translation<br>Yes No |
|----|-----------------|------|---------|-------|----------|-----------------------|
| BL |                 |      |         |       |          |                       |
| BM |                 |      |         |       |          |                       |
| BN |                 |      |         |       |          |                       |
| BO |                 |      |         |       |          |                       |
| BP |                 |      |         |       |          |                       |

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|-------------------|----|-----------------|-----------|----------------|-------|----------|----------------------------|
| RS                | CA | 5,287,577       | Feb. 1994 | Ackroyd        | 5     | 644      |                            |
|                   | CB | 5,303,977       | Apr. 1994 | Sereboff       | 297   | 230.1    |                            |
|                   | CC | RE35,468        | Mar. 1997 | Newman         | 5     | 81.1R    |                            |
|                   | CD | 5,860,174       | Jan. 1999 | Failor         | 5     | 81.1H    |                            |
|                   | CE | 5,996,133       | Dec. 1999 | Fletcher       | 4     | 239      |                            |
|                   | CF | 6,073,291       | Jun. 2000 | Davis          | 5     | 711      |                            |
|                   | CG | 6,089,668       | Jul. 2000 | Peterson       | 297   | 452.41   |                            |
|                   | CH | 6,467,291       | Oct. 2002 | Takano et al.  | 62    | 228.3    |                            |
|                   | CI | 2003/0070226    | Apr. 2003 | Heimbrock      | 5     | 81.1R    |                            |
| RS                | CJ | 2003/0159212    | Aug. 2003 | Patrick et al. | 5     | 81.1R    |                            |
|                   | CK |                 |           |                |       |          |                            |

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| CM |                 |      |         |       |          |                       |
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| CP |                 |      |         |       |          |                       |

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